

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Jun-Bo YOON et al.

Title: POLYMER PATTERN AND  
METAL FILM PATTERN,  
METAL PATTERN, PLASTIC  
MOLD USING THEREOF, AND  
METHOD OF THE FORMING  
THE SAME

Appl. No.: Unassigned

International 2/4/2005

Filing Date:

371(c) Date: 6/24/06

Examiner: Unassigned

Art Unit: Unassigned

Confirmation Unassigned  
Number:

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to  
Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being  
submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not  
intended as an admission that such document constitutes prior art against the claims of the  
present application or that such document is considered material to patentability as defined in  
37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be

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Atty. Dkt. No. 078134-0128  
IAP20 Rec'd PCT/PTO 26 JUN 2006

appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

**TIMING OF THE DISCLOSURE**

The listed documents are being submitted in compliance with 37 CFR §1.97(b), within three (3) months of the filing date of the application.

**RELEVANCE OF EACH DOCUMENT**

Any document listed on the attached PTO/SB/08 was cited as being relevant during the prosecution of the corresponding International application. A copy of the International Search Report is attached setting forth the portion of each document considered relevant by the examiner. An English-language counterpart of the foreign-language documents has not been provided. However, an English-language Abstract of each foreign-language document is attached, and is relied upon for a statement of relevance for those documents. The absence of a translation or an English-language counterpart document does not relieve the PTO from its duty to consider any submitted document (37 CFR §1.98 and MPEP§609).

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

Although Applicant believes that no fee is required for this Request, the Commissioner is hereby authorized to charge any additional fees which may be required for this Request to Deposit Account No. 19-0741.

Respectfully submitted,

Date 6/26/06

By George C. Beck

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Substitute for form 1449B/PTO			
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>			
Date Submitted: June 26, 2006			
(use as many sheets as necessary)			
Sheet	1	of	1
<b>Complete if Known</b>			
<b>Application Number</b>		Unassigned	
<b>Filing Date</b>		06/26/2006	
<b>First Named Inventor</b>		Jun-Bo Yoon	
<b>Group Art Unit</b>		Unassigned	
<b>Examiner Name</b>		Unassigned	
<b>Attorney Docket Number</b>		078134-0128	

## **U.S. PATENT DOCUMENTS**

UNPUBLISHED U.S. PATENT APPLICATION DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Application Document		Name of Patentee or Applicant of Cited Document	Filing Date of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Serial Number	Kind Code <sup>2</sup> (if known)			

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	A1	JP	2000-241607		Matsumoto et al.	09/08/2000		
	A2	JP	11-344602		Yotsuya	12/14/1999		
	A3	KR	2000-12055		Shimata et al.	02/25/2000		
	A4	KR	2001-103177		Choi, et al.	11/23/2001		

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>a</sup>

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450,  
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Alexandria, VA 22313-1450.